

U. S. DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
GRAND TETON NATIONAL PARK

PLANS FOR PROPOSED PROJECT

WY PRA-GRTE 13(8)
NPS PKG. NO. 90950

**NORTH PARK ROAD
SNAKE RIVER BRIDGE**
(PART TWO OF THREE)

TETON COUNTY
WYOMING

LENGTH 0.231 KILOMETERS

PROJECT WY PRA-GRTE 13(8)
NORTH PARK ROAD
SNAKE RIVER BRIDGE
39+370 to 39+601

TYPE OF CONSTRUCTION:

Removal of existing bridge, steel
and concrete bridge construction,
grading, aggregate base and
asphalt concrete paving

DESIGN DESIGNATION:

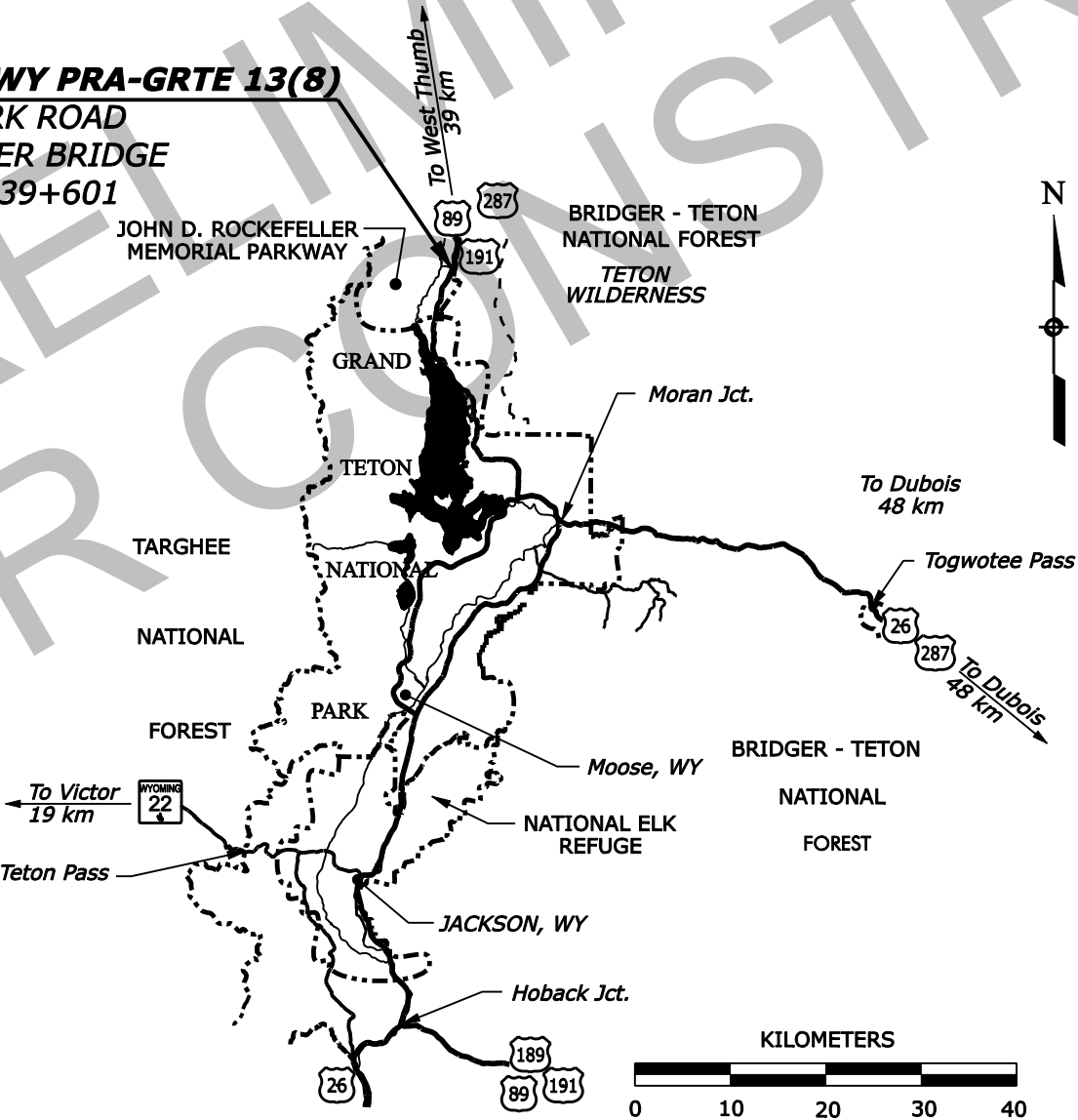
AADT (2007) 1387
AADT (2027) 1690
V 80 km/h
e (max) 0.060

SPECIFICATION:

Standard Specifications for Construction
of Roads and Bridges on Federal Highway
Projects, FP-03 Metric Units



PLANS PREPARED BY
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
WESTERN FEDERAL LANDS HIGHWAY DIVISION
VANCOUVER, WASHINGTON



NOTE:

1. See Sheet 2A.2 for index Sheets
2. See Sheet 2A.4 for Vicinity Map

RECOMMENDED:

Director, Project Delivery,
Western Federal Lands Highway Division

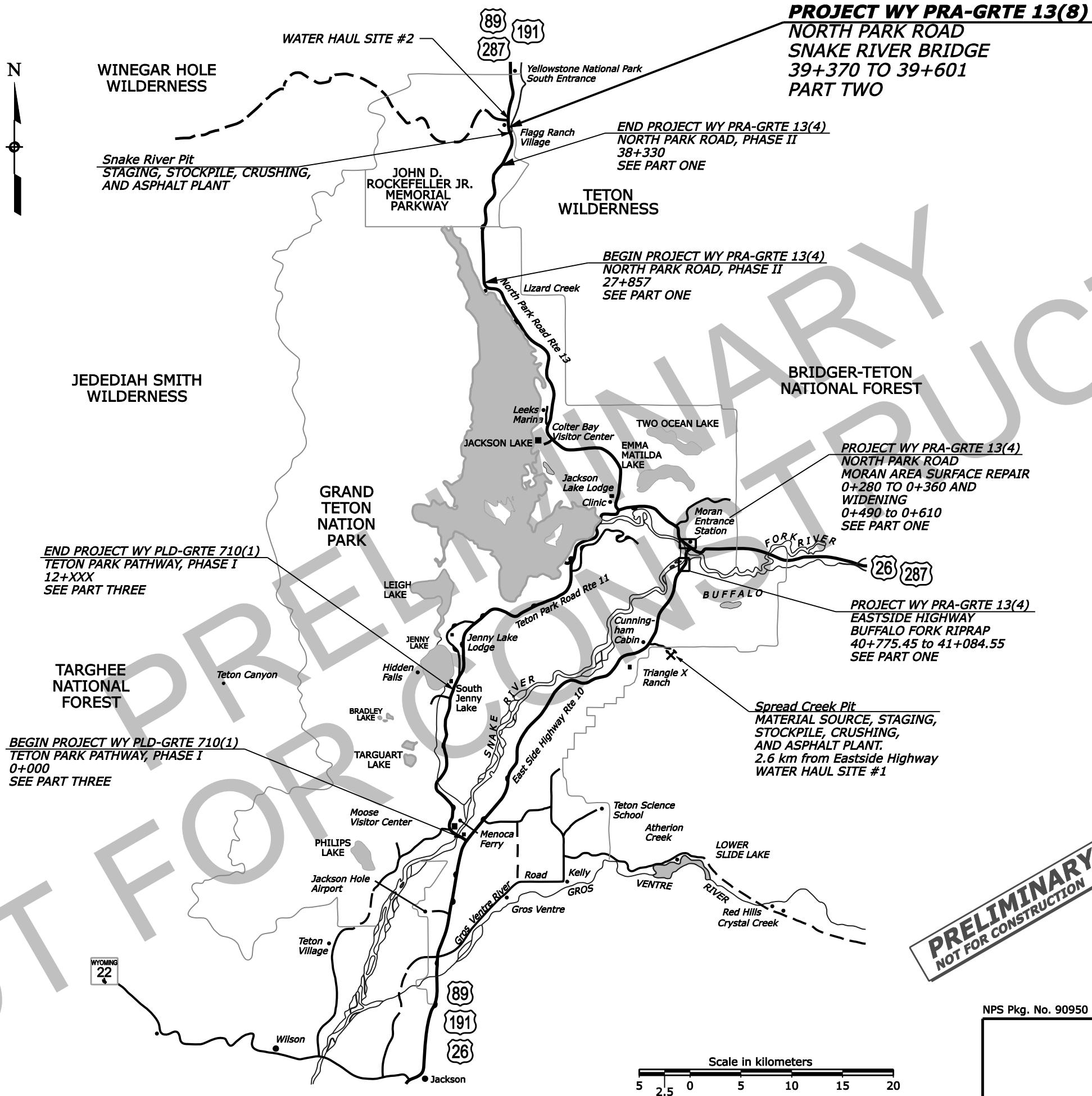
APPROVED:

Superintendent,
Grand Teton National Park

07/2007
J. Aguirre
Designed by:
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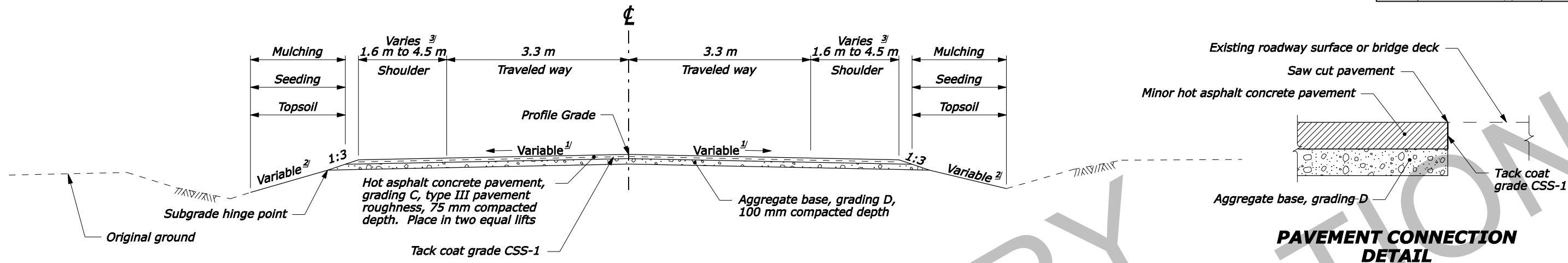
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WY	PRA-GRTE 13(8)	2A.4



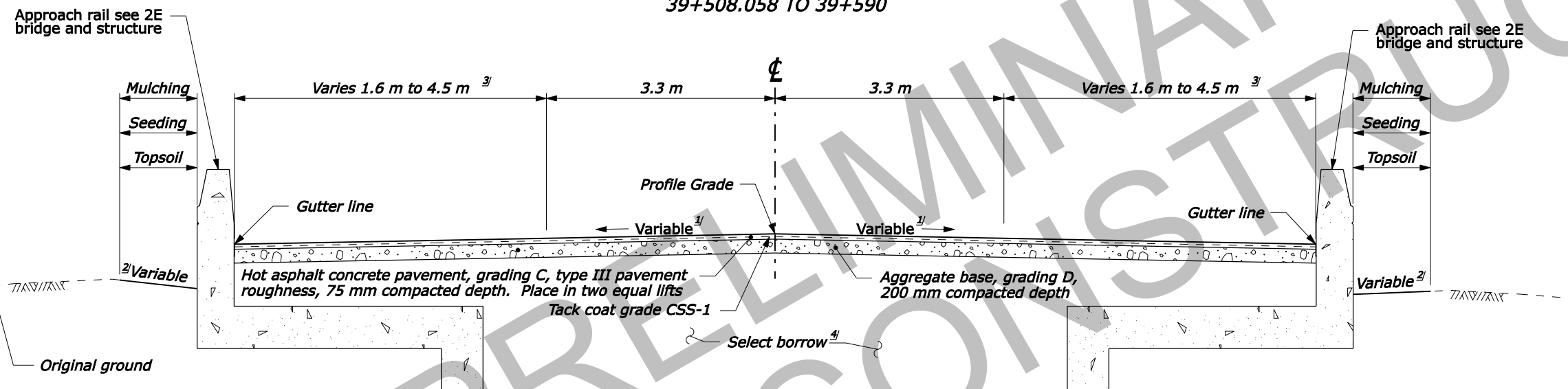
PRELIMINARY
NOT FOR CONSTRUCTION

NPS Pkg. No. 90950 NPS Drwg. No. 136/80199

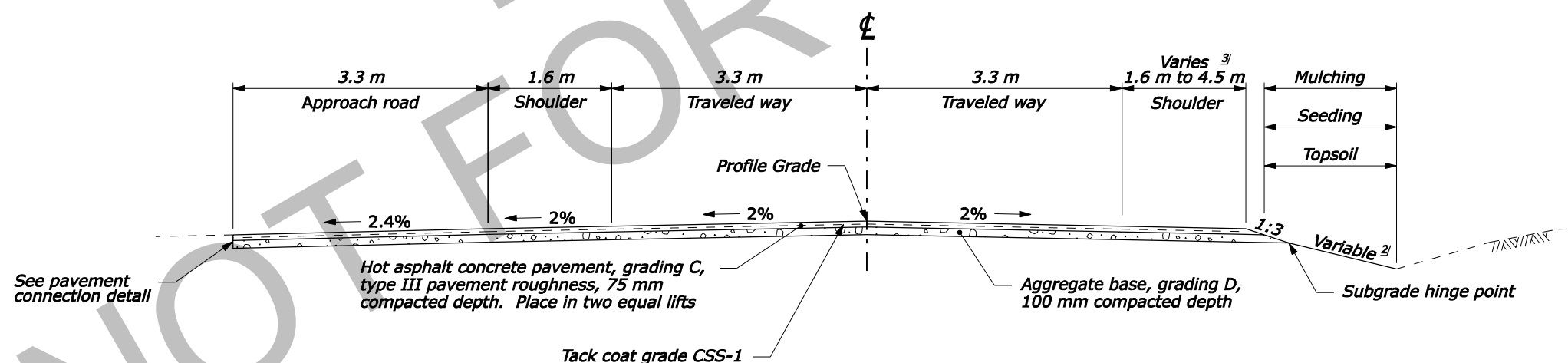
VICINITY MAP



NORTH PARK ROAD
39+370 TO 39+426.963
39+508.058 TO 39+590



NORTH PARK ROAD
39+426.963 TO 39+440.078
39+494.943 TO 39+508.058



NORTH PARK ROAD
39+590 TO 39+601

NOTE:

1. Remove all existing asphalt pavement from the entire roadway and paved shoulders. Utilize as select topping material according to section 204.
2. Place conserved topsoil on finished slopes. See Section 624.

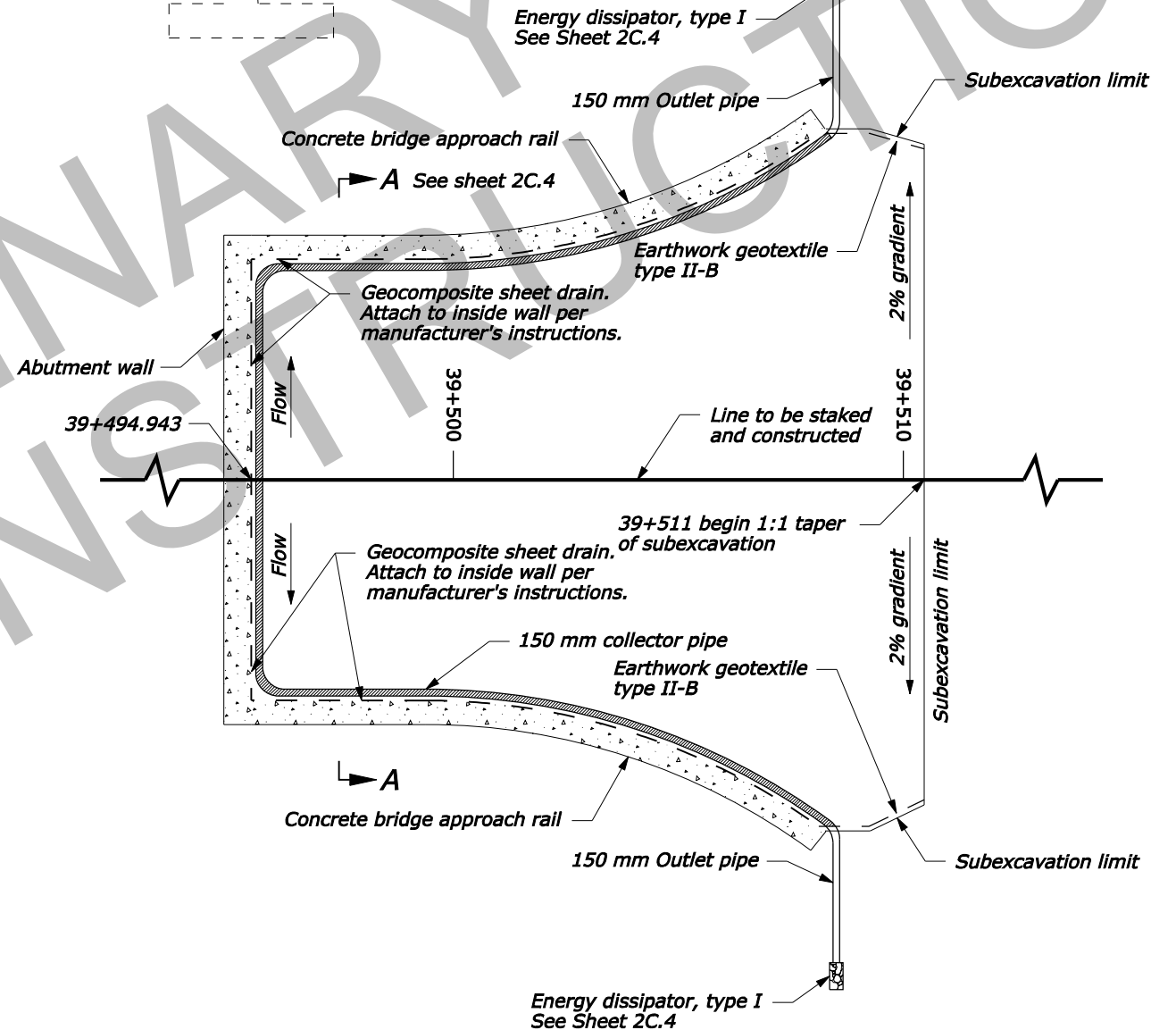
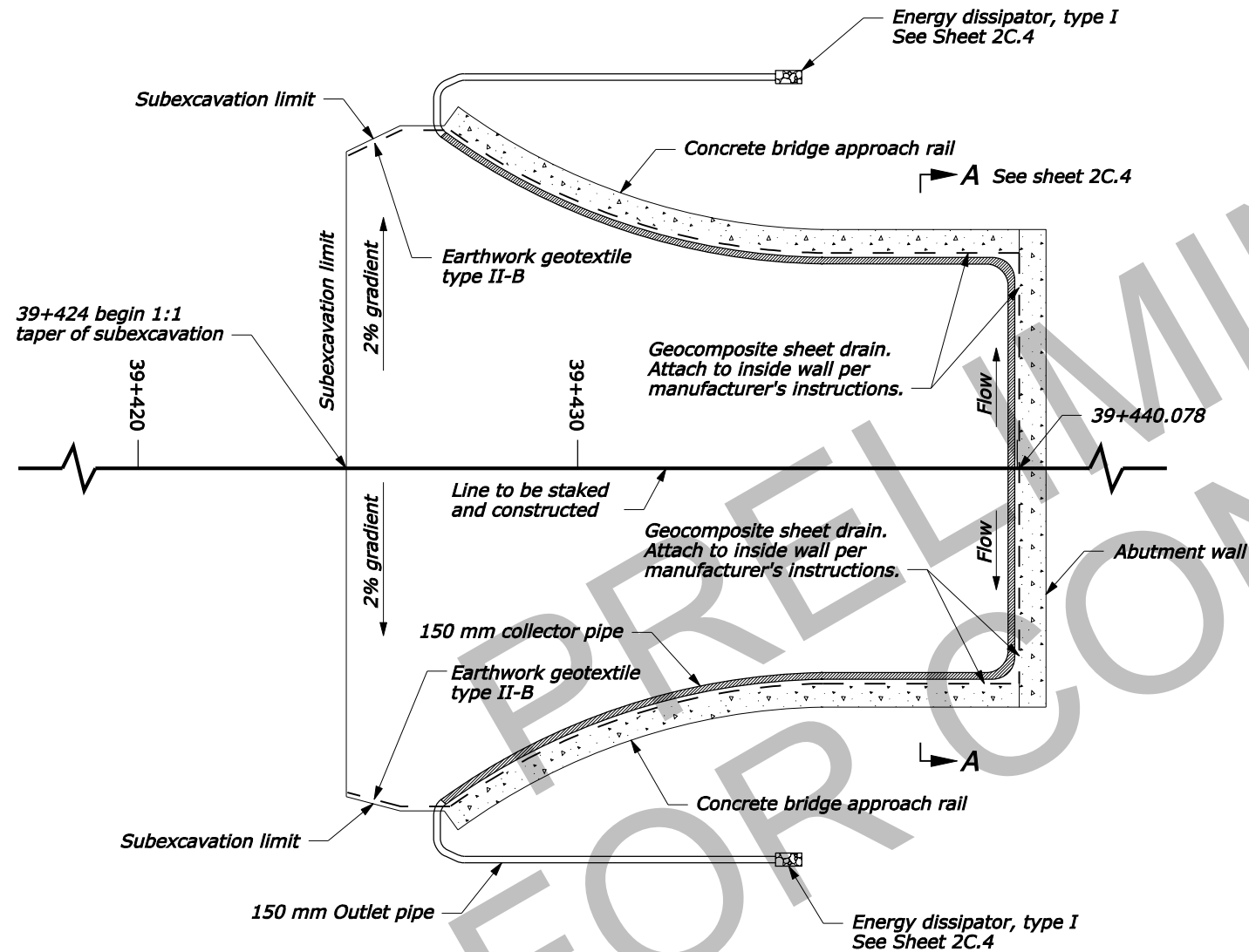
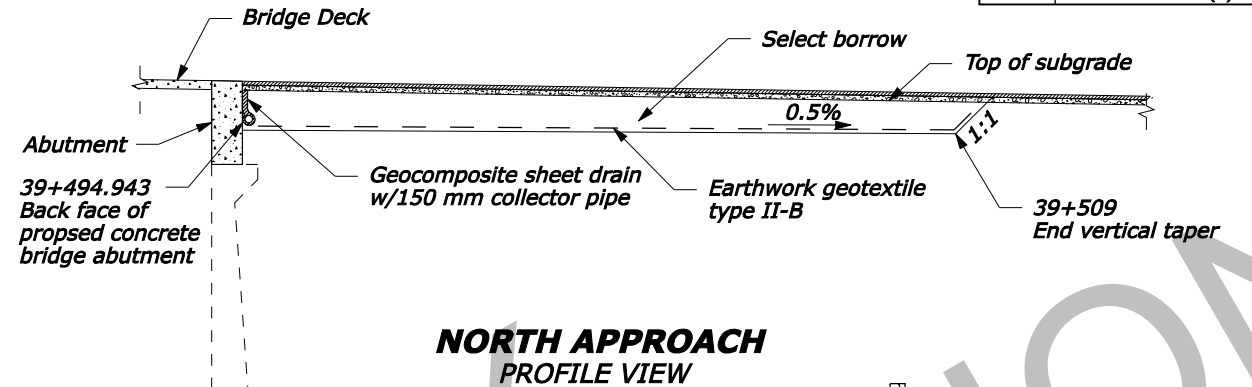
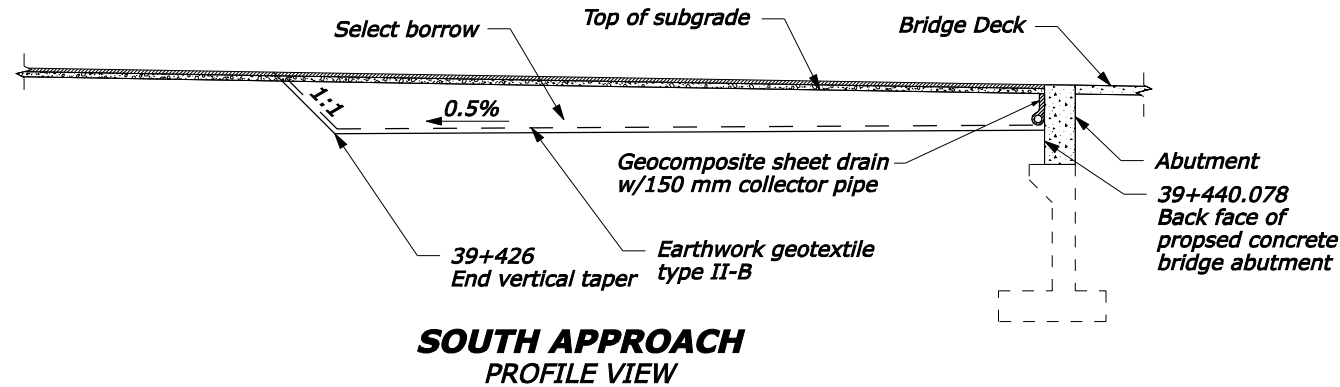
FOOTNOTE:

- ^{1/} Superelevate roadway on curves at the rate "e" as indicated in the curve data shown on the plan and profile and in the Staking Report Data Listing (see FAR Clause 52.236.4).
- ^{2/} Construct slopes as shown in the Staking Report Data Listing (see FAR Clause 52.236.4).
- ^{3/} See Sheet 2D.3 for shoulder widths and transition areas.
- ^{4/} See Sheet 2C.4 for details.

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TYPICAL SECTIONS

STATE	PROJECT	SHEET NUMBER
WY	PRA-GRTE 13(8)	2C.3



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SUBEXCAVATION DETAILS

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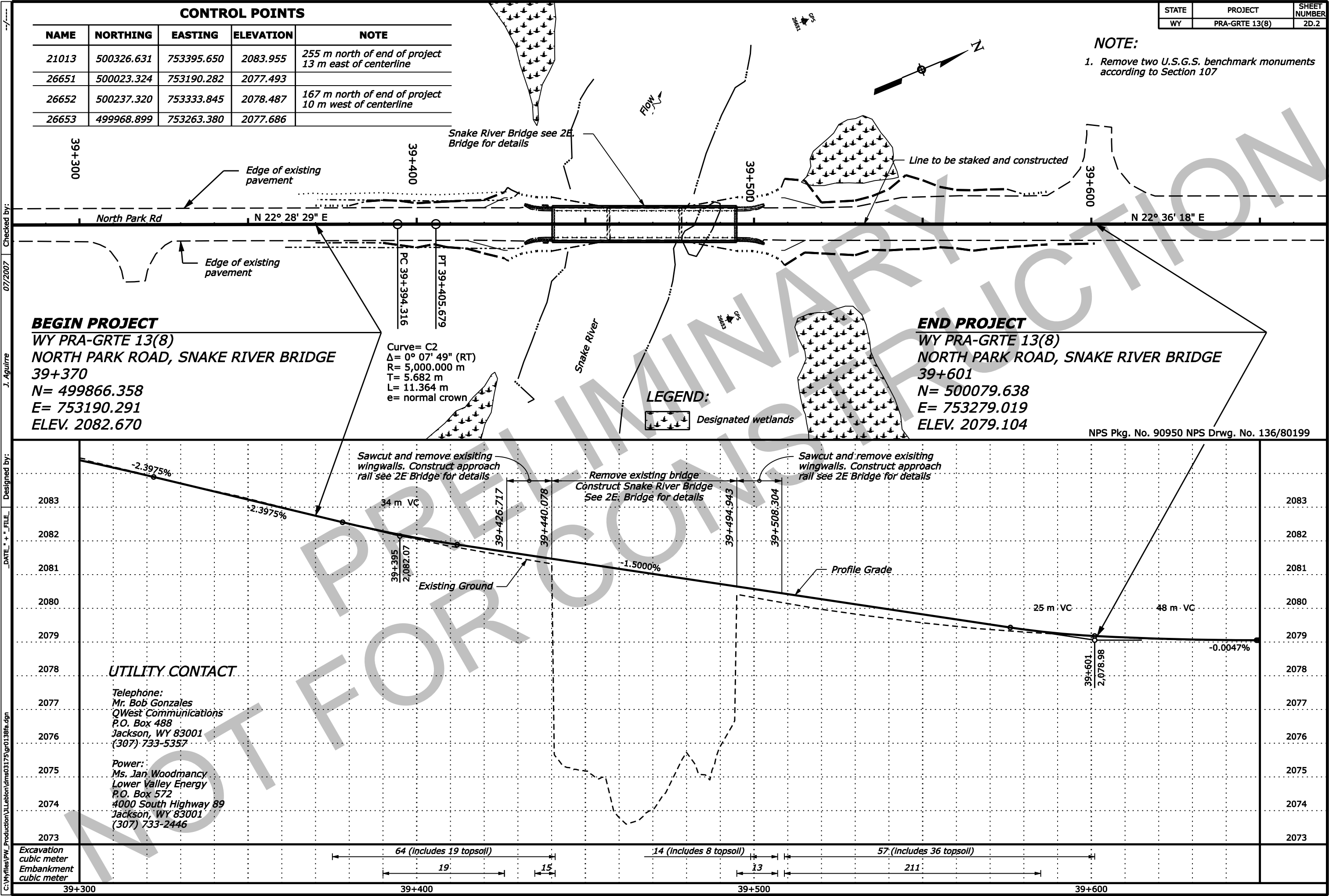
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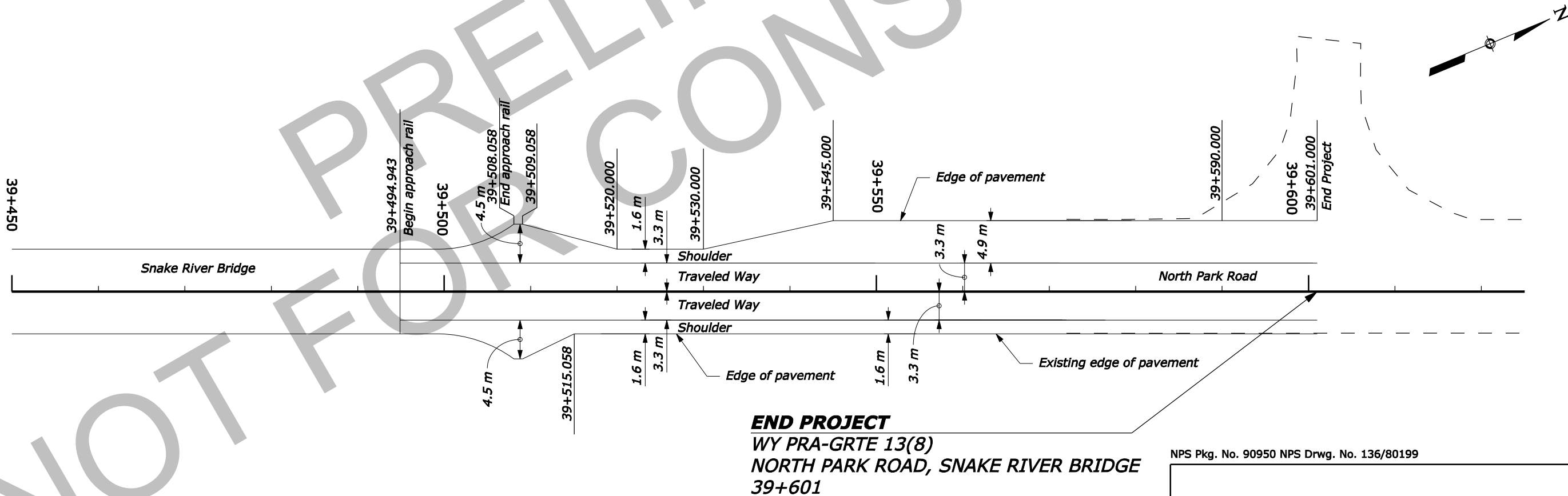
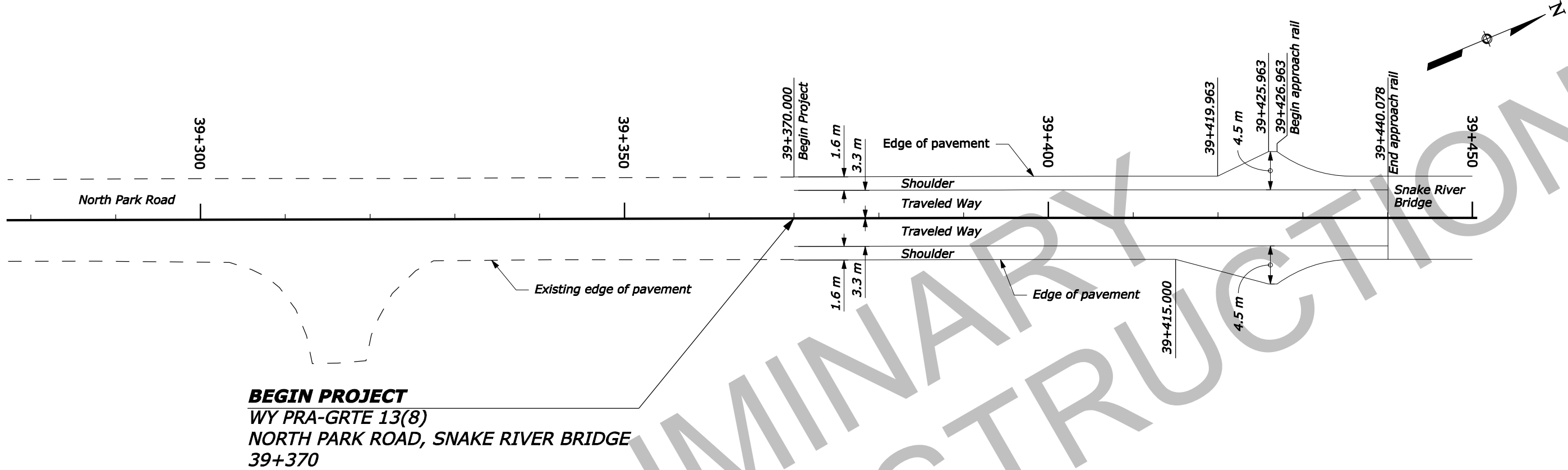
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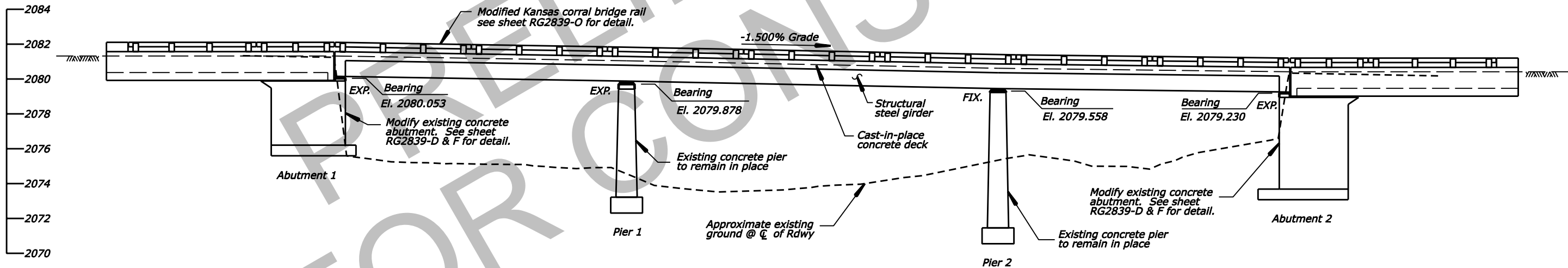
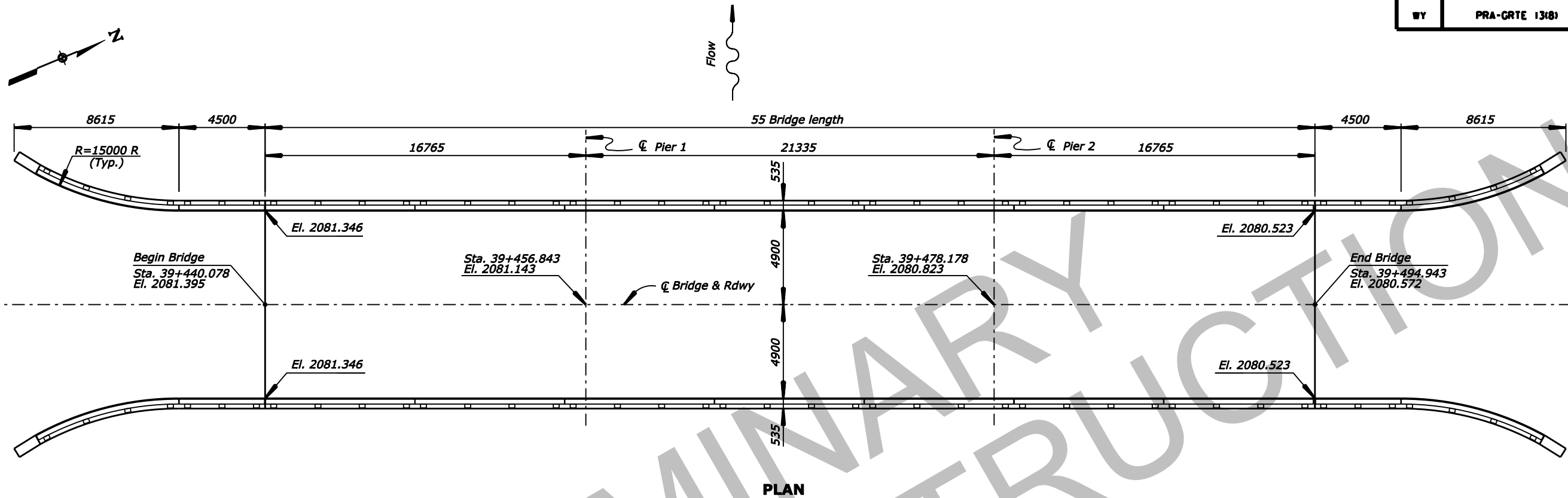
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WY	PRA-GRTE 13(8)	2D.3

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NPS Pkg. No. 90950 NPS Drwg. No. 136/80199

**TRAVELED WAY
AND SHOULDER DETAILS**



HYDRAULIC DATA			
	Q (m³/s)	V (m/s)	Ws El (m)
Q2	225.4	1.6	2076.1
Q50	460.8	2.6	2076.8
Q100	498.4	2.8	2077.2
Q500	578.6	2.3	2077.4

NOTES:
1. All elevation are referenced to existing bearing elevations. These existing bearing elevations shall be field verified by the contractor prior to construction.

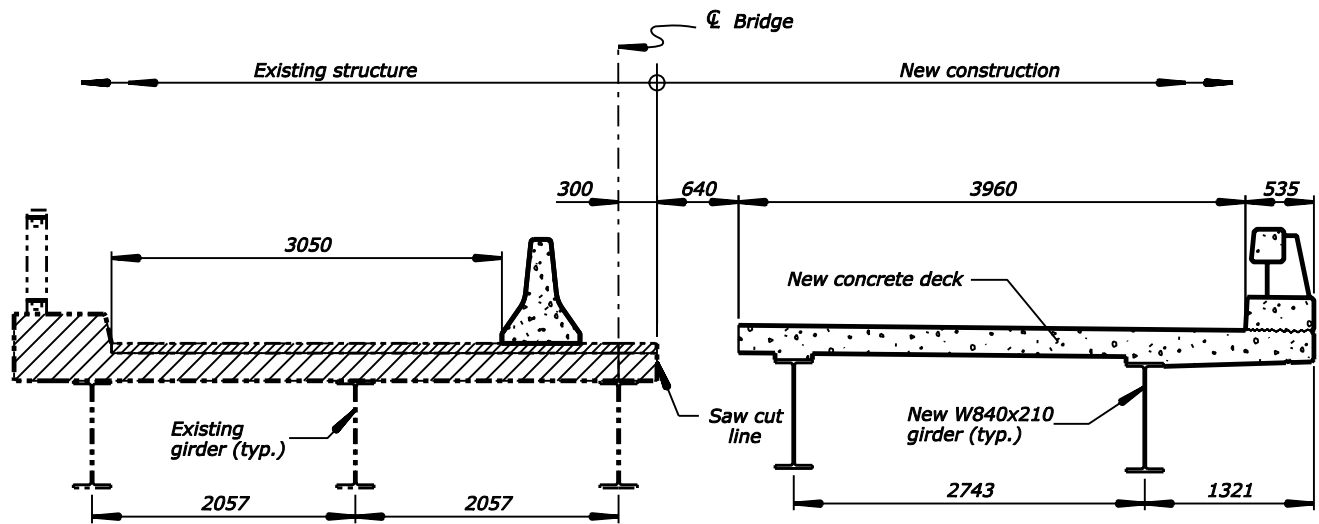
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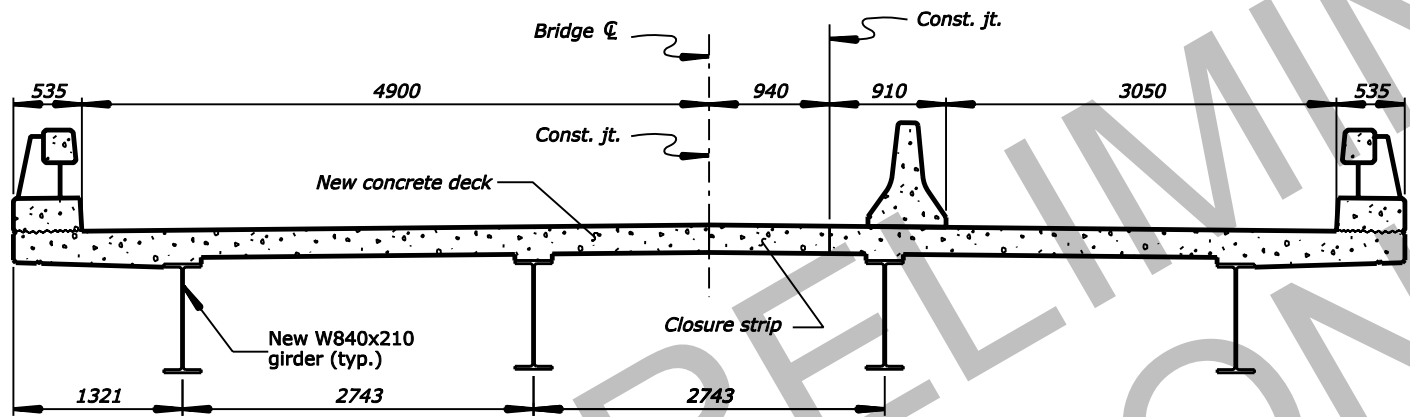
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FEDERAL HIGHWAY ADMINISTRATION
WESTERN FEDERAL LANDS HIGHWAY DIVISION

PLAN AND ELEVATION

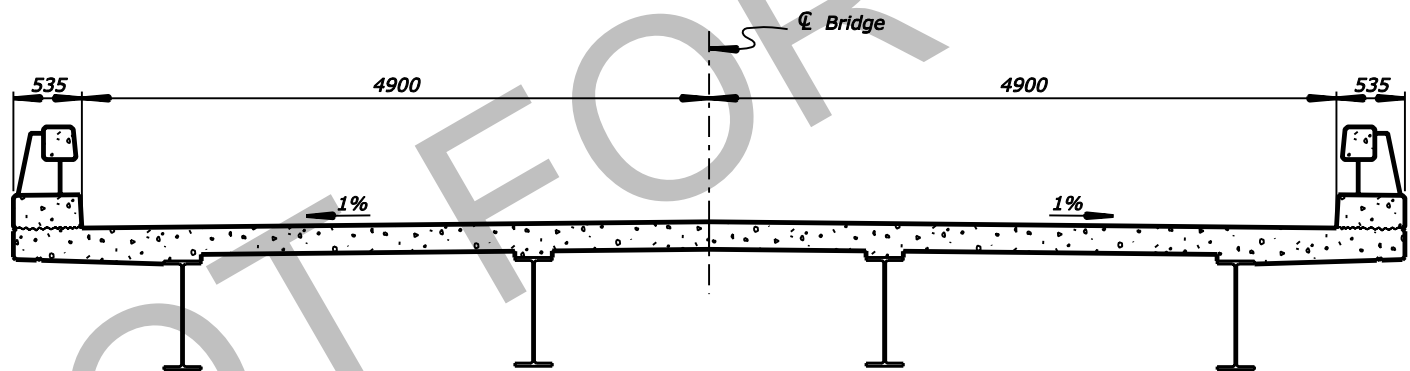
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								P. LAMOUREUX	L. NGUYEN		1:120		2 of 19	JUNE 2007	RG2839-B



FIRST STAGE CONSTRUCTION



SECOND STAGE CONSTRUCTION



COMPLETE STRUCTURE

- NOTES:
1. Use the construction sequence as shown for the proposed structure.
 2. Repair all damaged existing concrete to remain in place, see special contract requirements.
 3. 940 mm closure strip shall be placed to connect Stage 2 with Stage 1 construction.

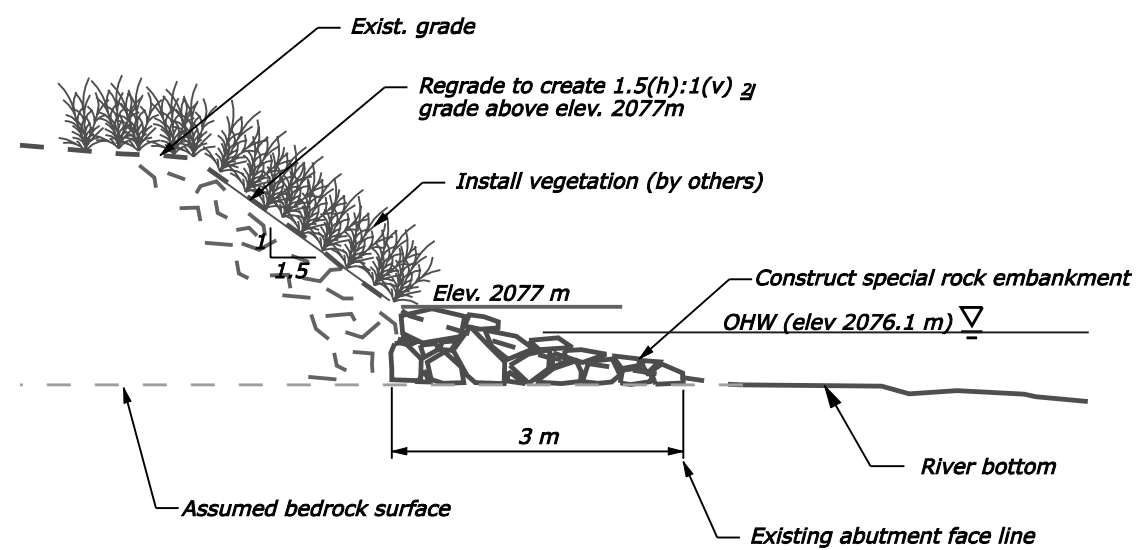
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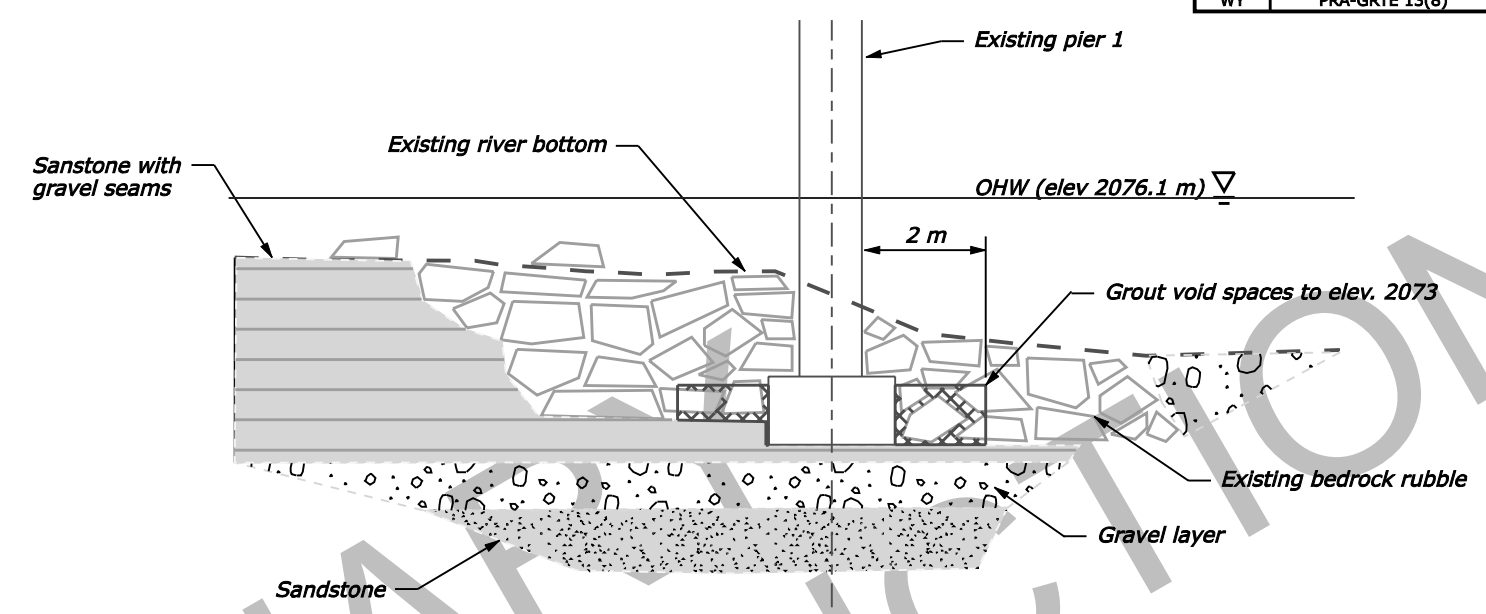
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WESTERN FEDERAL LANDS HIGHWAY DIVISION

CONSTRUCTION SEQUENCE

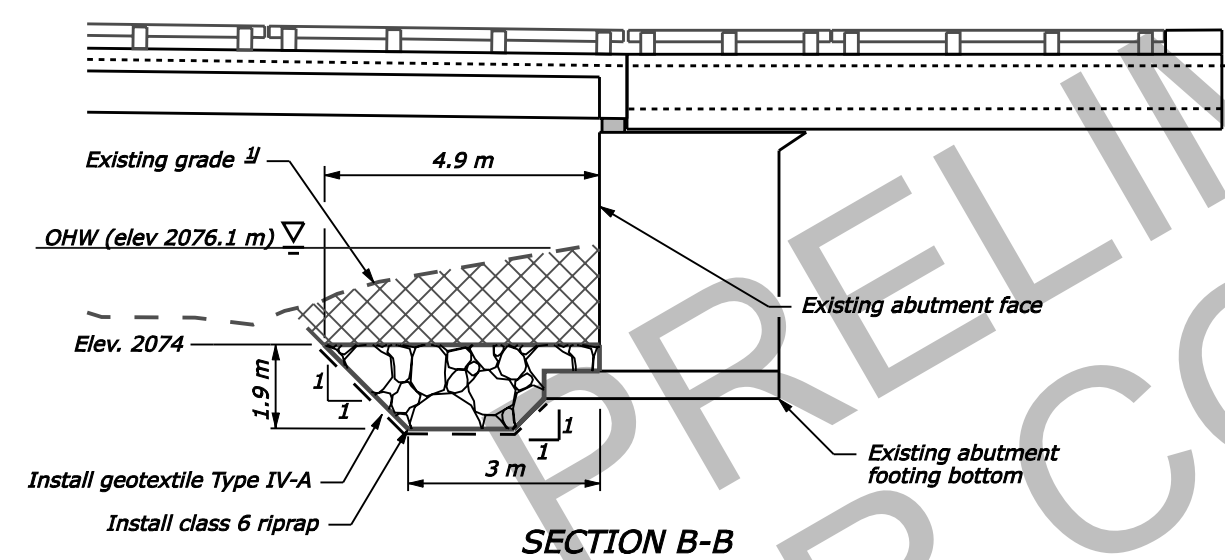
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								P. LAMOUREUX	L. NGUYEN		1:30		3 of 19	JUNE 2007	RG2839-C



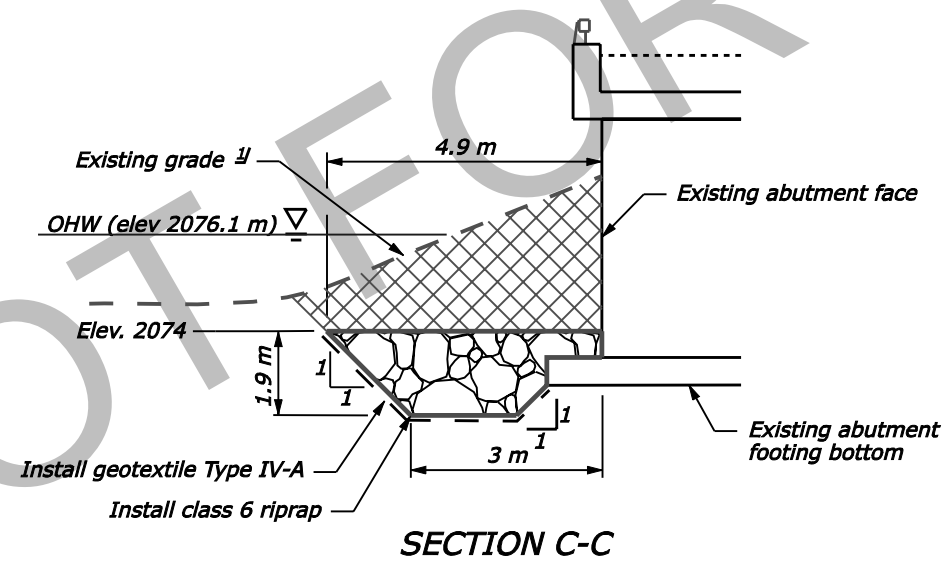
SECTION A-A



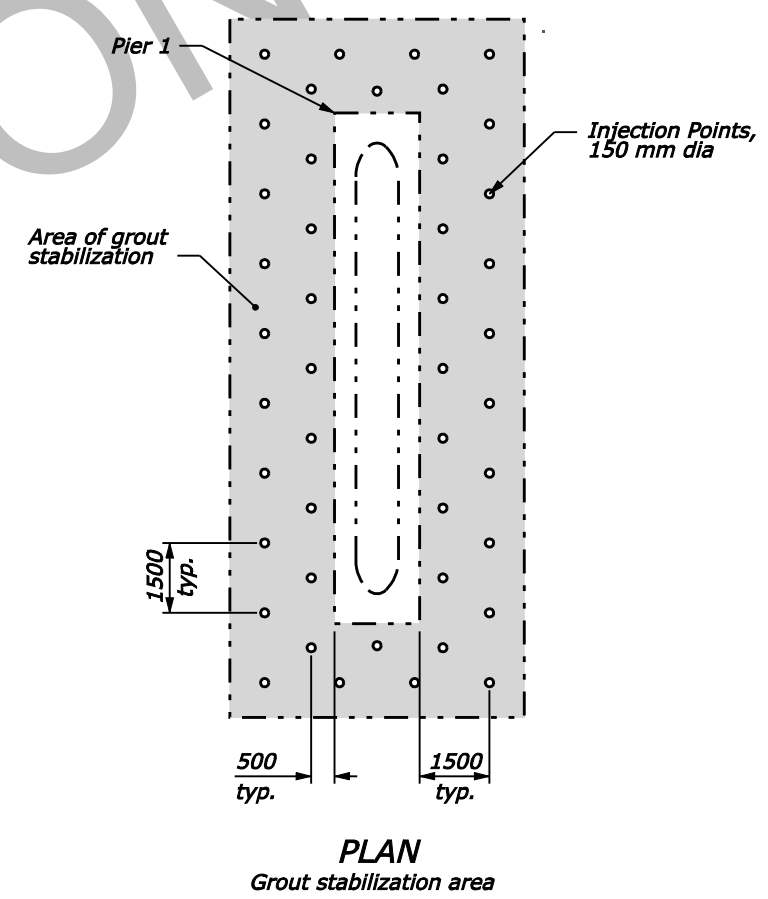
SECTION D-D



SECTION B-B



SECTION C-C



NOTE:

1. Comply with section 705.04(a) for mechanically-placed special rock embankment.
2. Dimensions not labeled are in millimeters.

FOOTNOTE:

- $\frac{1}{2}$ Backfill with conserved soil to restore existing grade.
- $\frac{2}{1}$ Perform according to section 622

NPS Pkg. No. 90950 NPS Drwg. No. 136/80199

**SCOUR COUNTERMEASURES
SECTIONS**

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